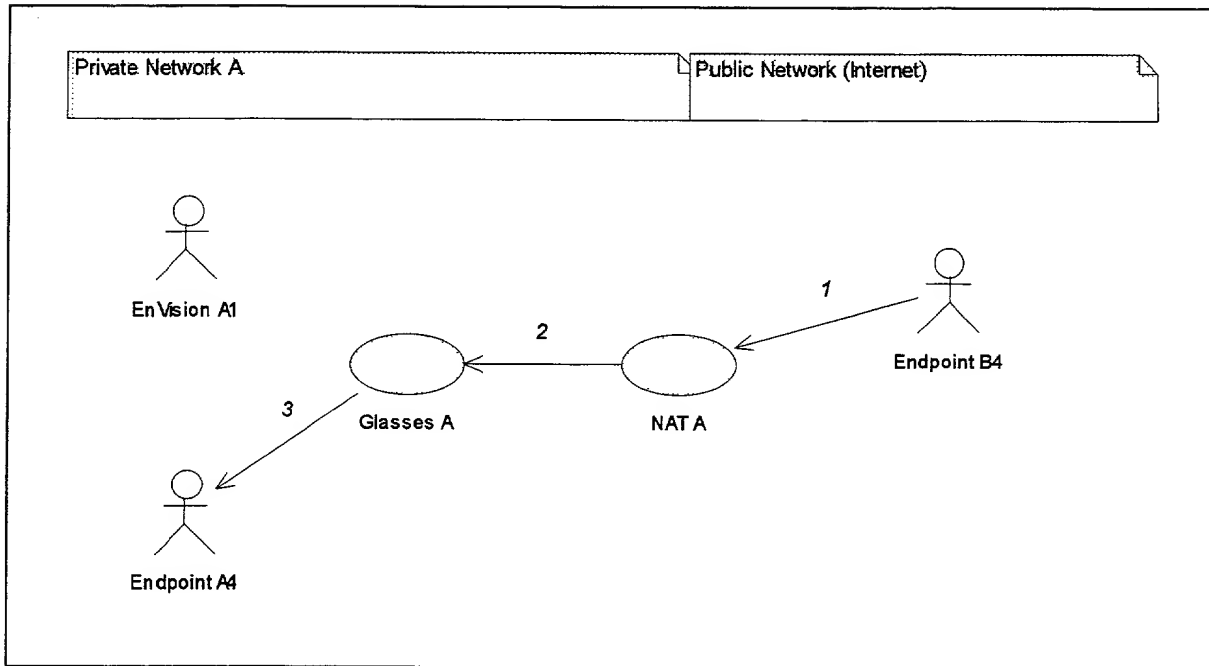
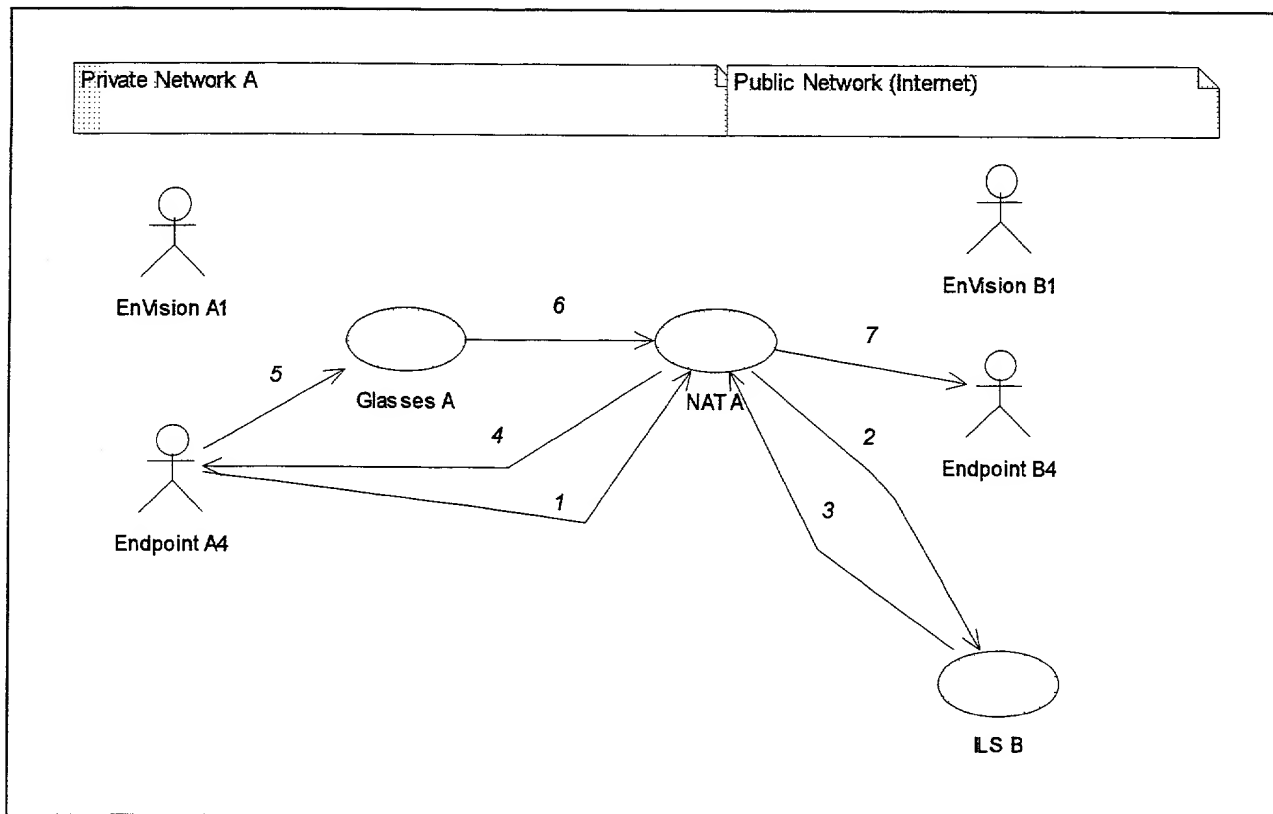


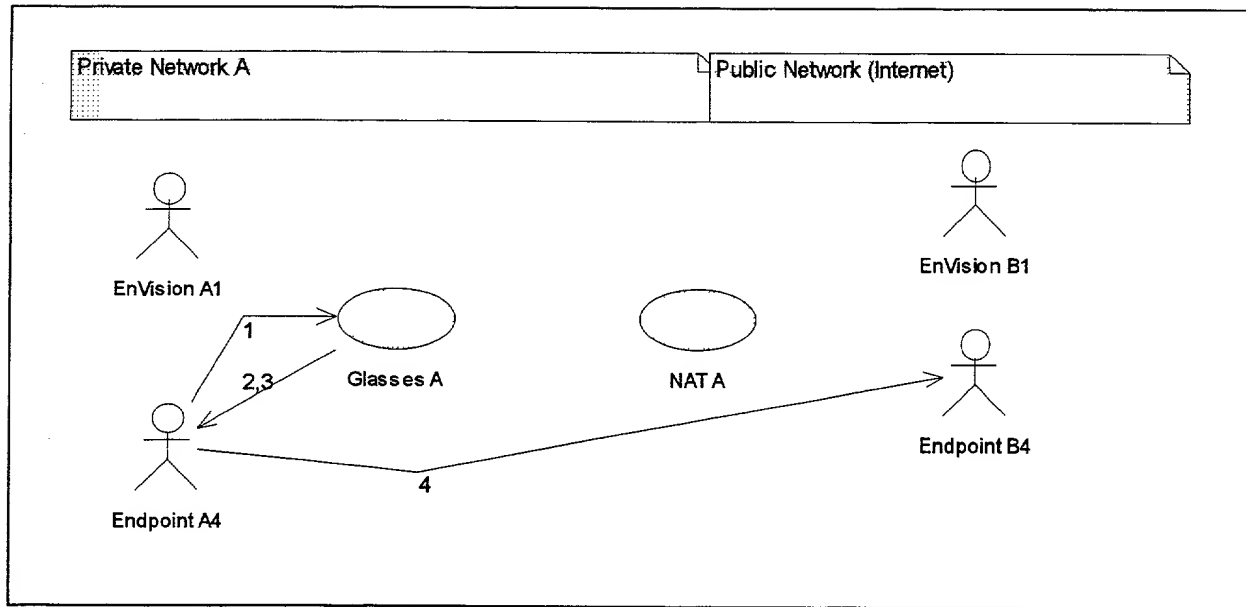
**FIG. 1**



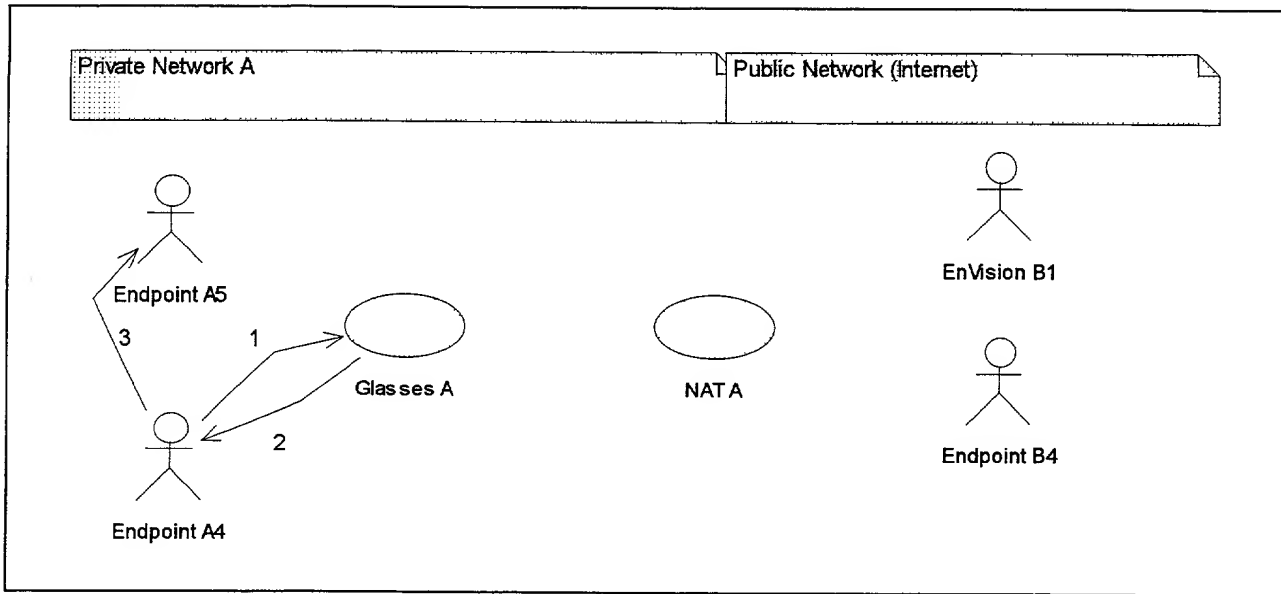
**FIG. 2**



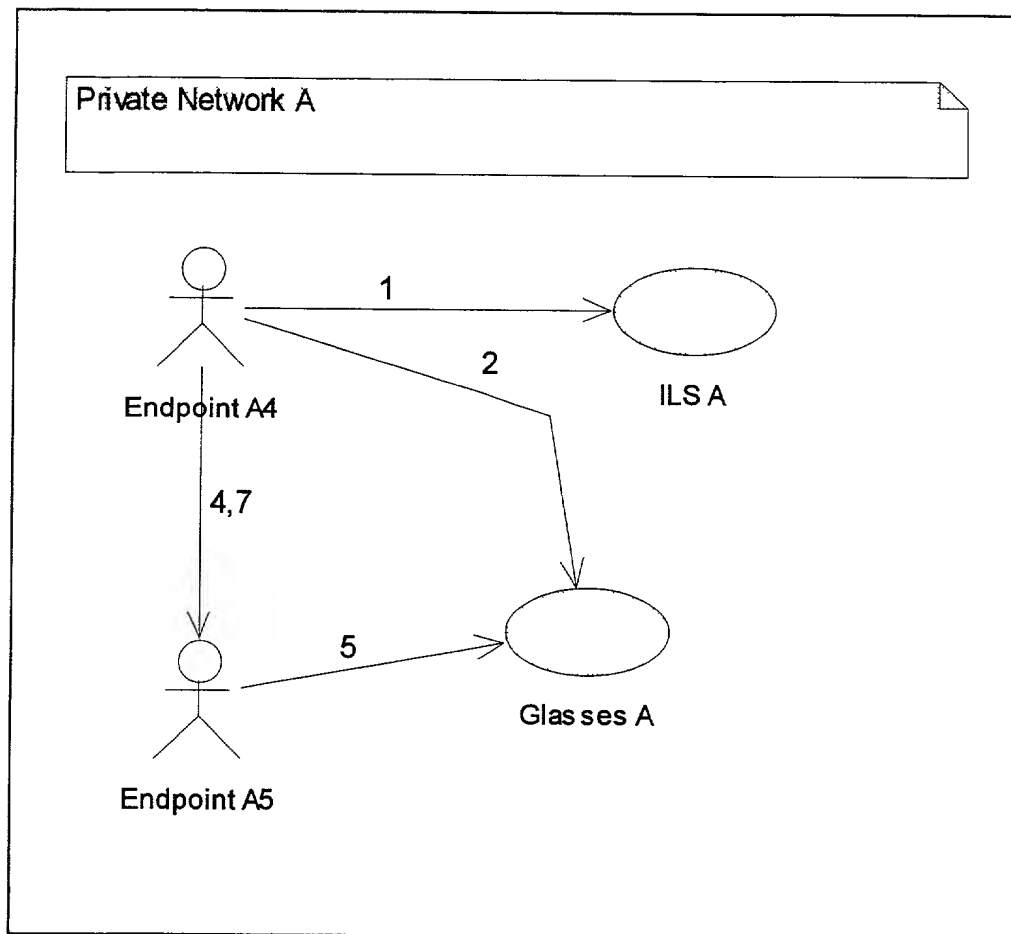
**FIG. 3**



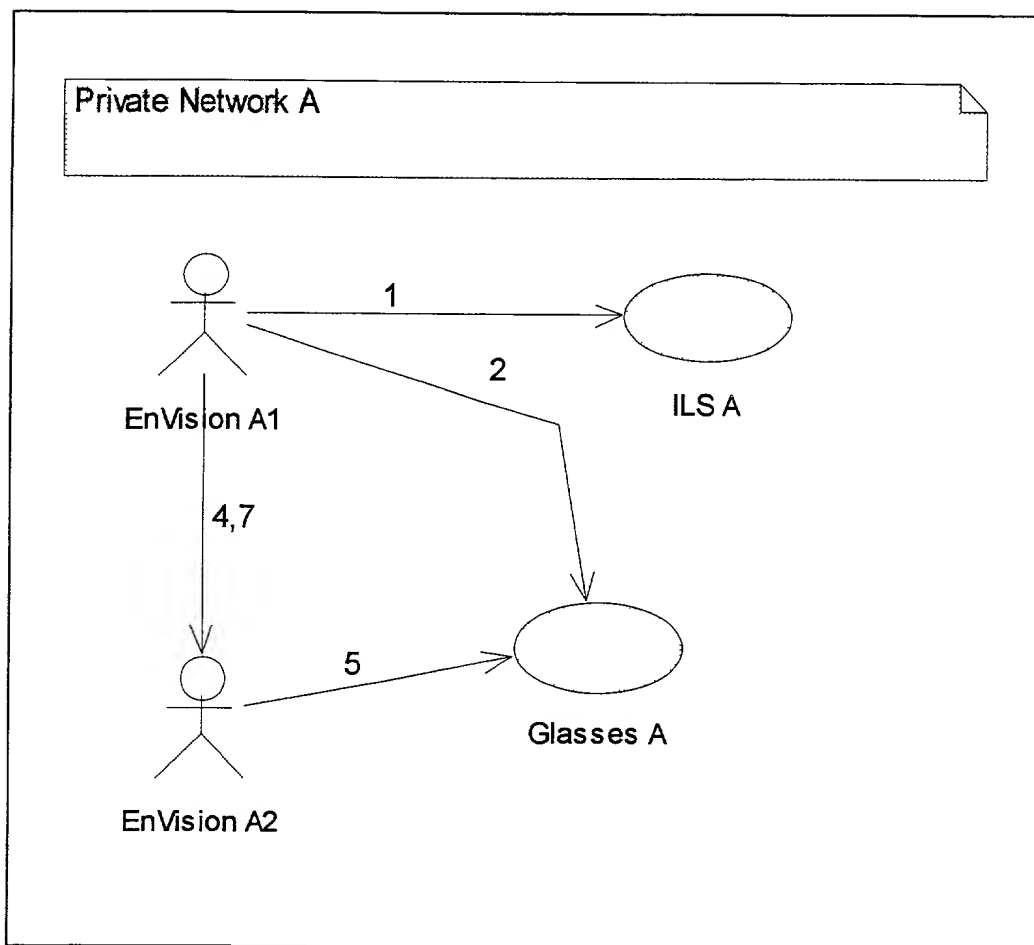
**FIG. 4**



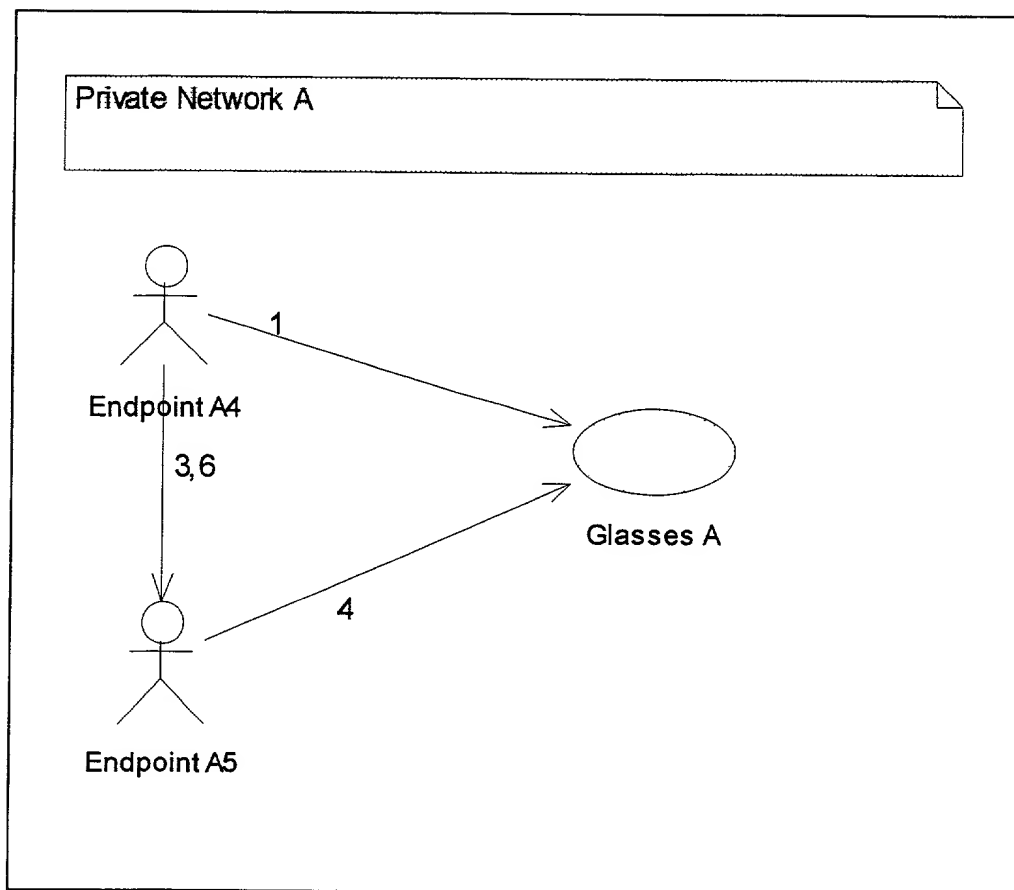
**FIG. 5**



**FIG. 6**

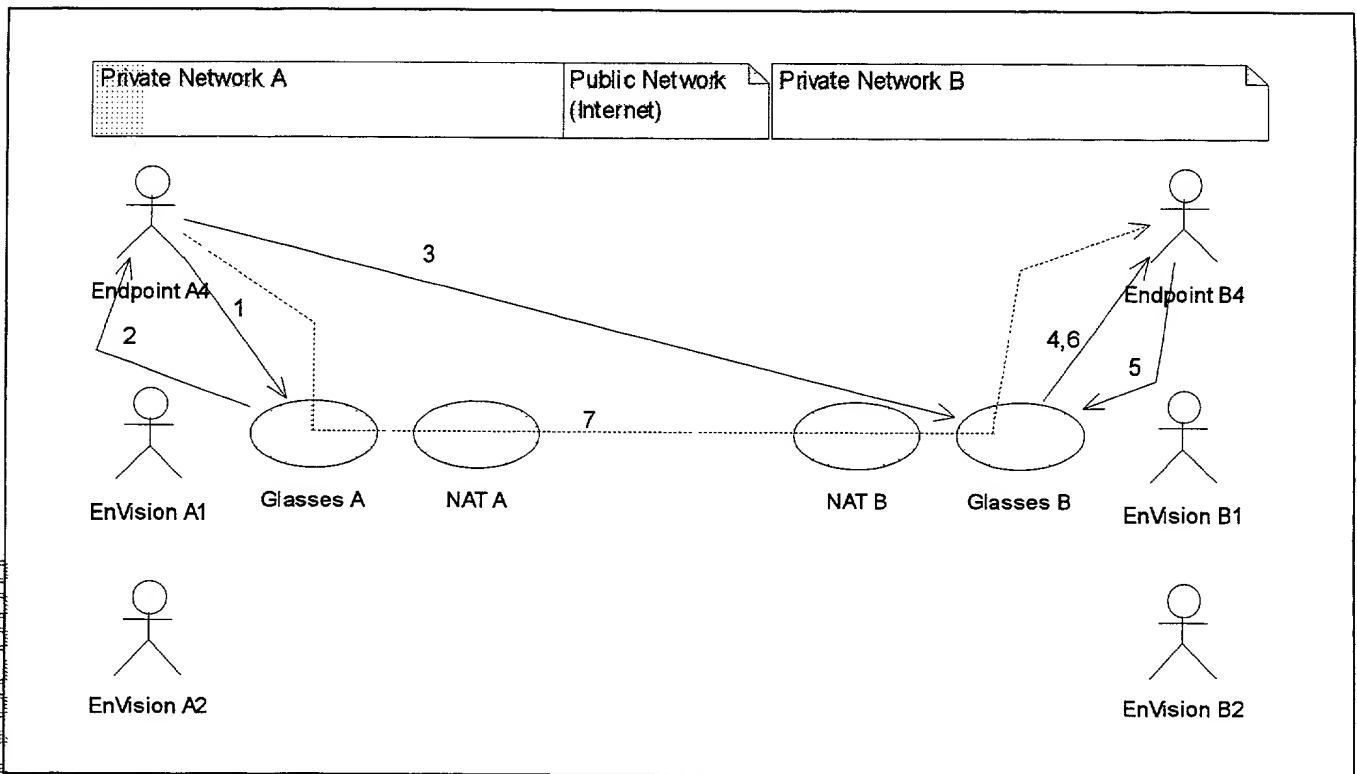


**FIG. 7**

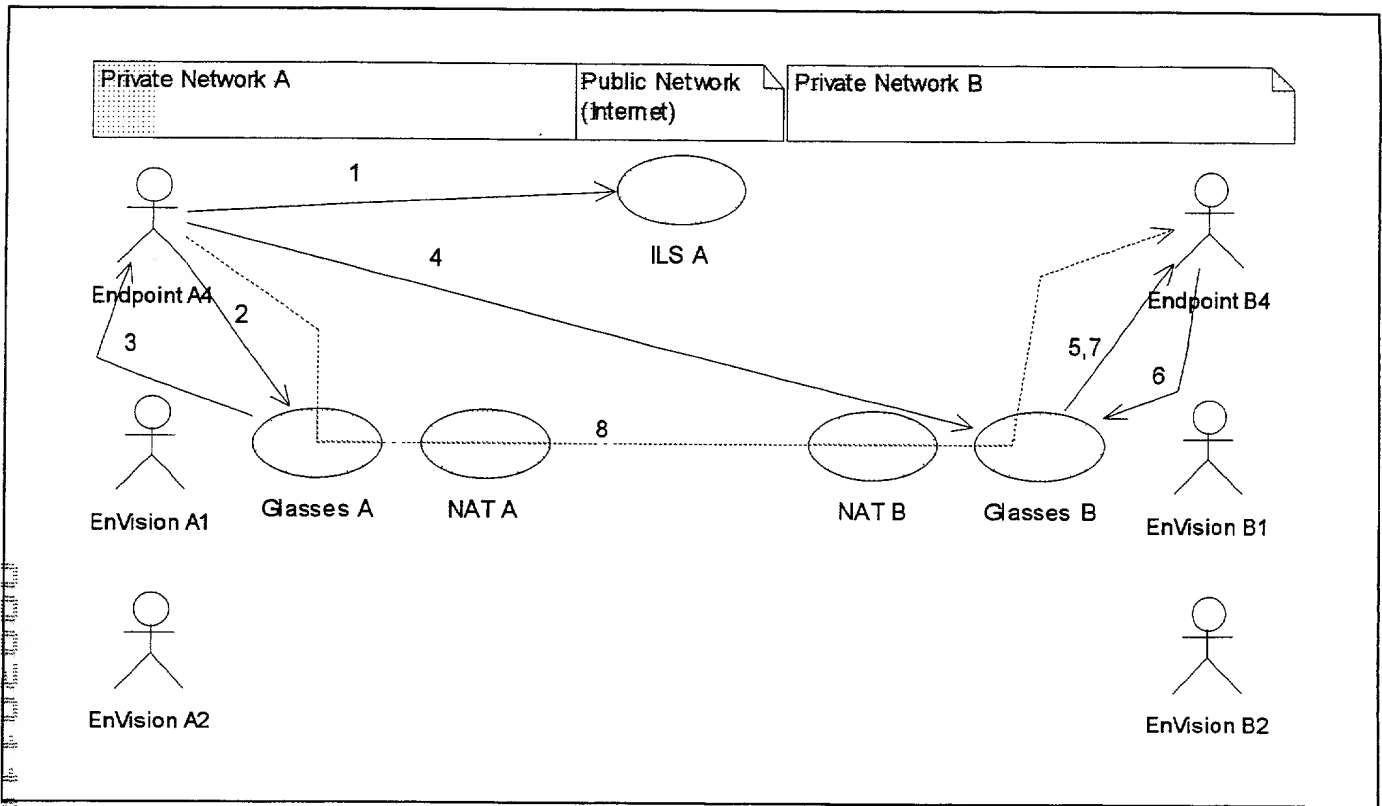


**FIG. 8**



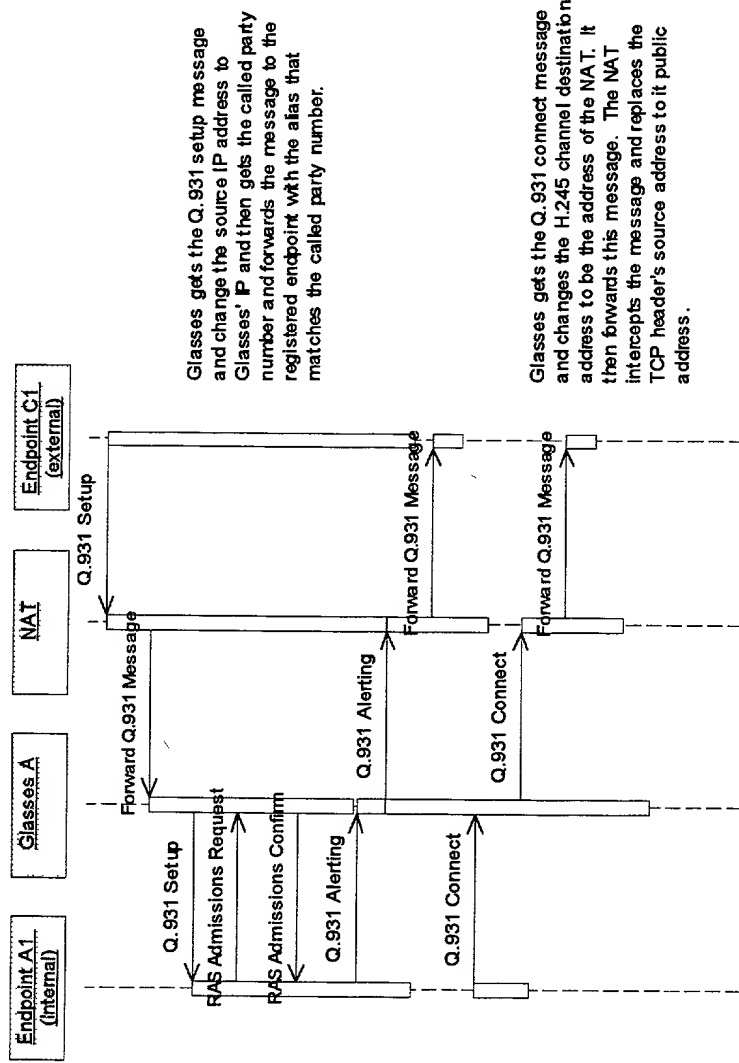


**FIG. 9**



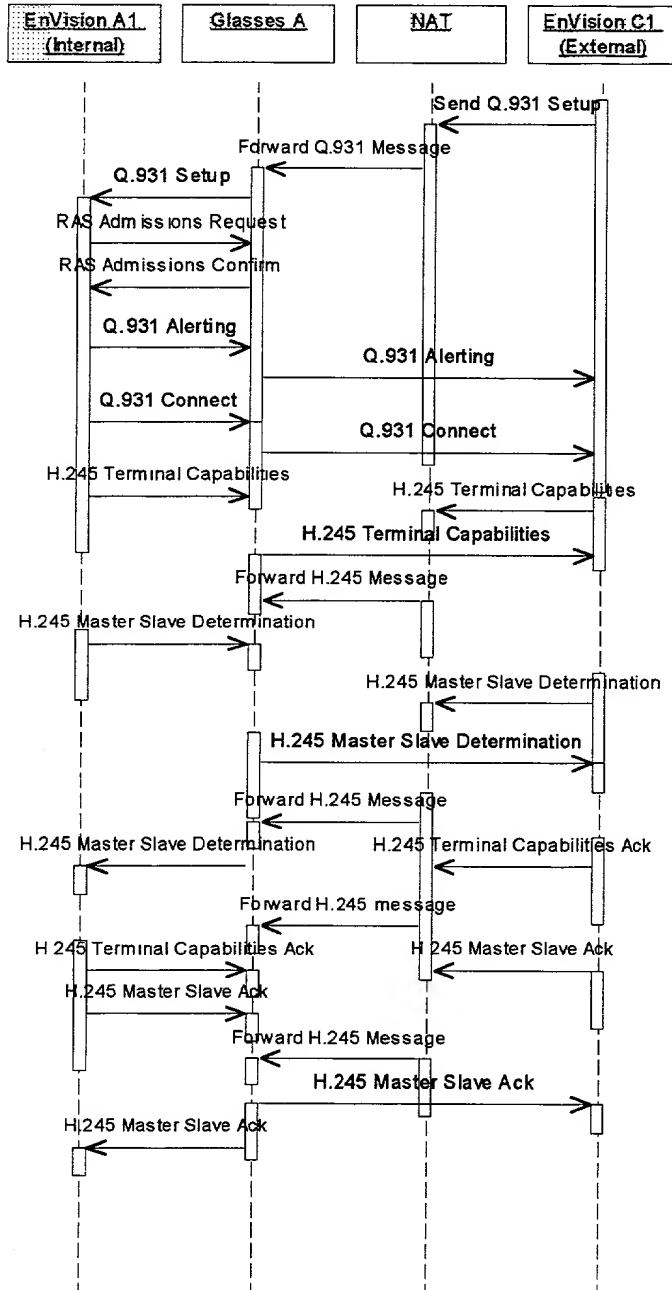
**FIG. 10**

# Call Setup Messages for Gateway Call from External Endpoint to Internal Endpoint



**FIG. 11**

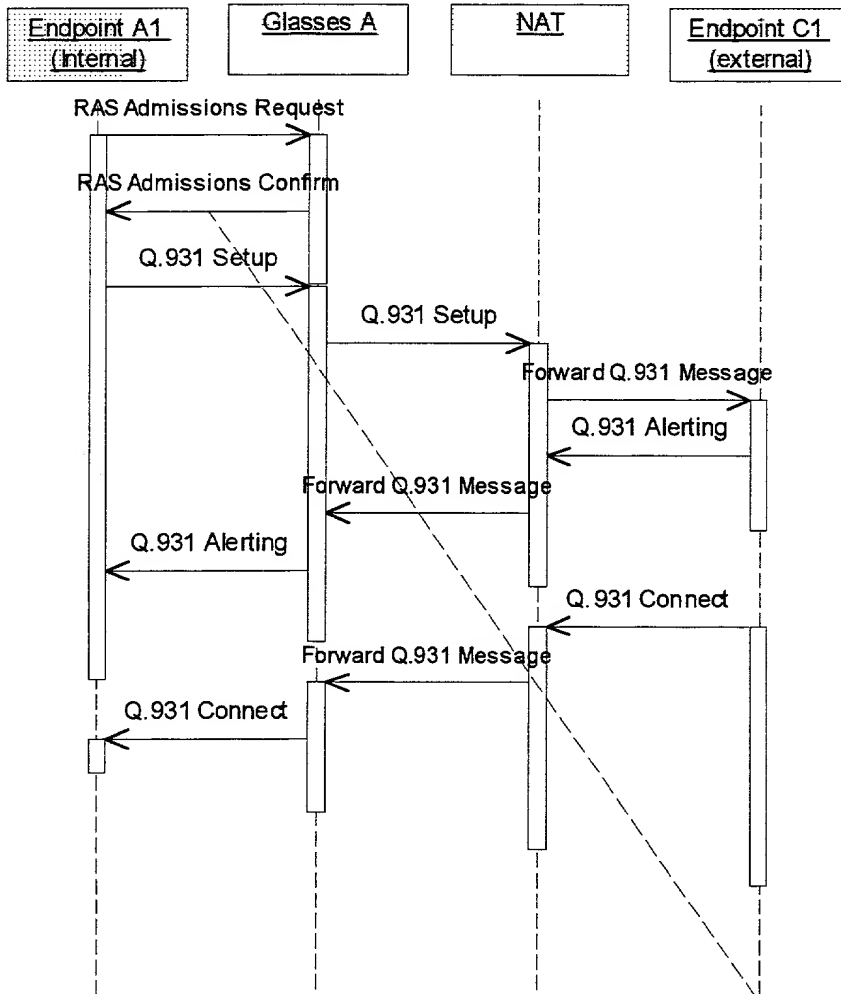
# Call Setup Messages for Gateway call from external EnVision to Internal EnVision



Glasses gets the Q.931 setup message and change the source IP address to Glasses' IP and then forwards the message to the registered endpoint with the e164 alias found in the setup message.

**FIG. 12**

## Call Setup Messages for Gatekeeper Call from Internal Endpoint to External Endpoint



Glasses saves the destination address in the admissions request. It then sends an admissions confirm identifying Glasses as the destination for the setup message.

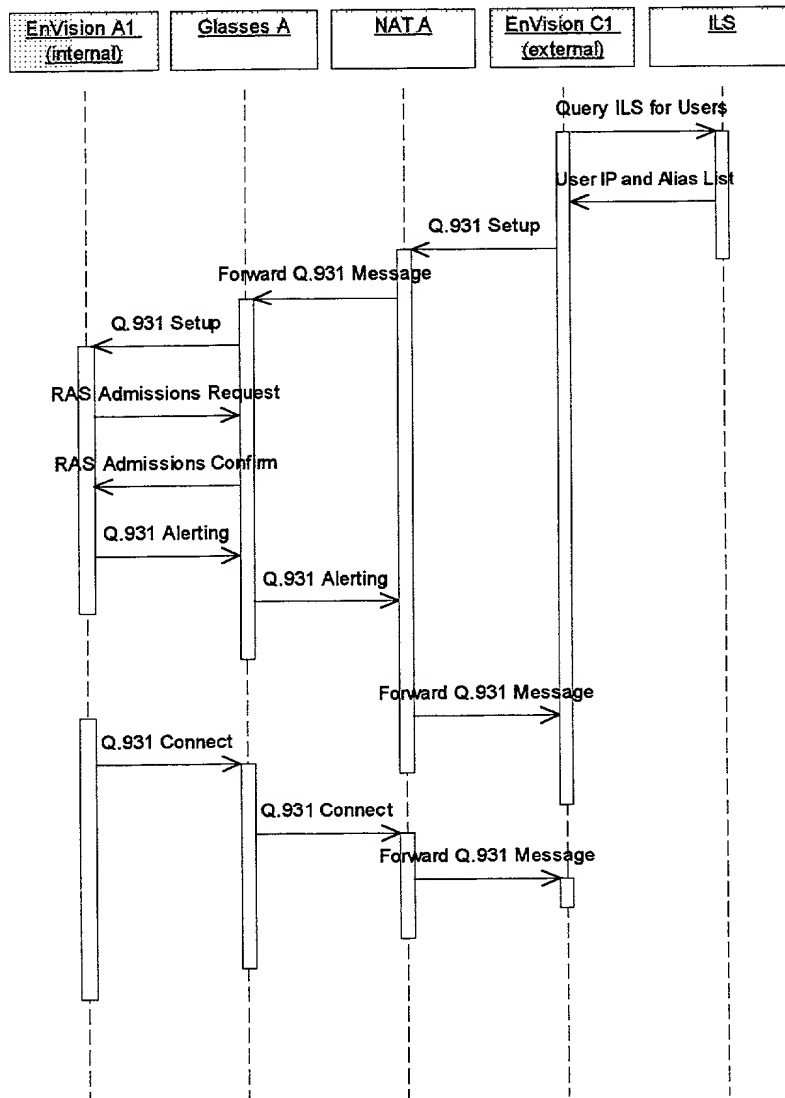
Glasses gets the Q.931 setup message and change the source IP address to the NAT's IP and then forwards the message to the saved IP address in the admissions request message.

Glasses gets the Q.931 connect message and changes the H.245 channel destination address to be the Glasses' address. It then forwards this message.

Note: We may be able to send an admission confirm message that will allow us to determine the destination address without having to save it on the admissions request and no timer.

**FIG. 13**

## Call Setup Messages for ILS Call from External EnVision to Internal EnVision



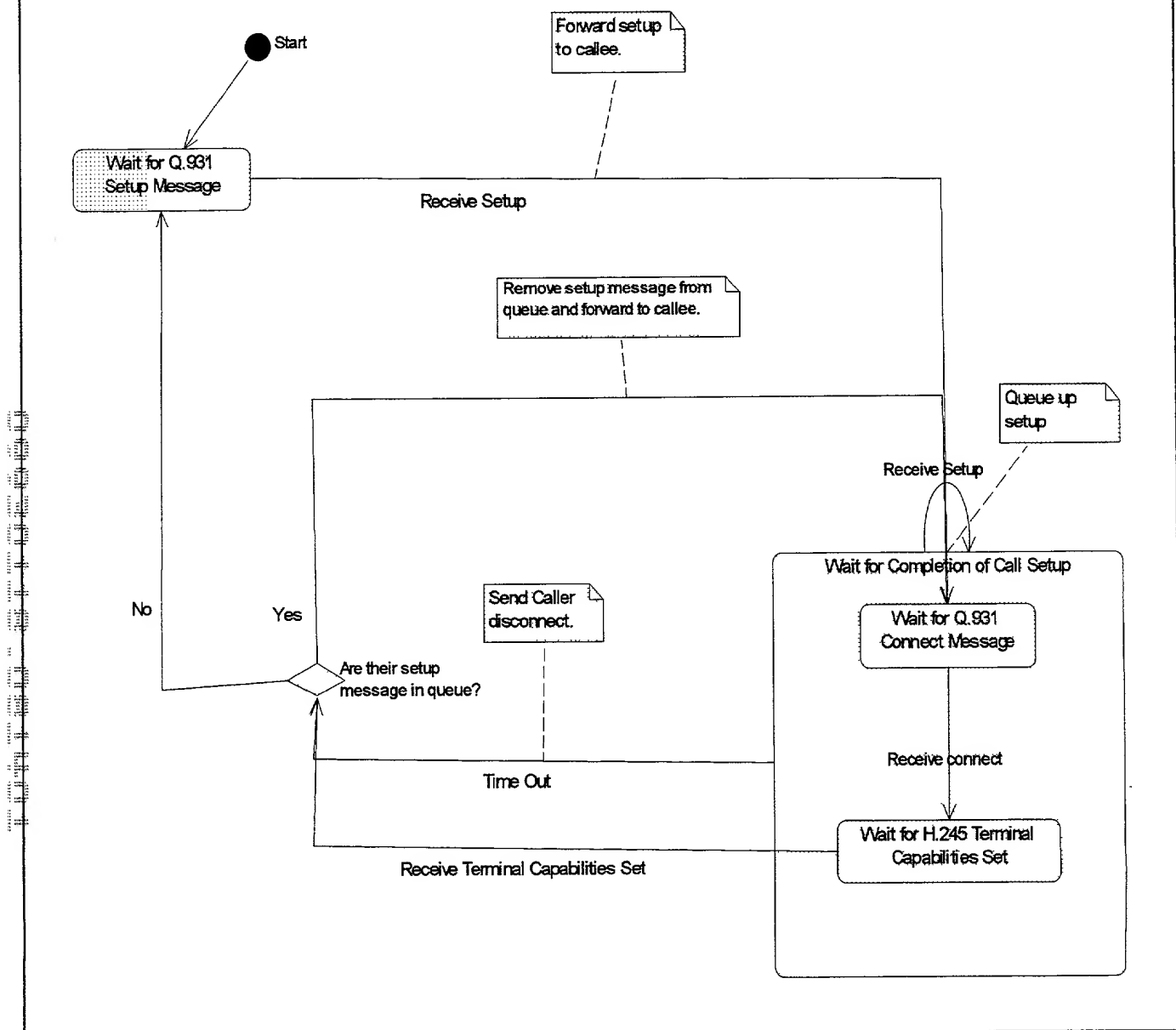
EnVision sends setup message with the NAT's address for the destination call signals address and the H323-ID in the destination address.

Glasses gets the Q.931 setup message and change the source IP address to Glasses' IP and then gets the called party number and forwards the message to the registered endpoint with the alias that matches the called party number.

Glasses gets the Q.931 connect message and changes the H.245 channel destination address to be the address of the NAT. It then forwards this message. The NAT intercepts the message and replaces the TCP header's source address to its public address.

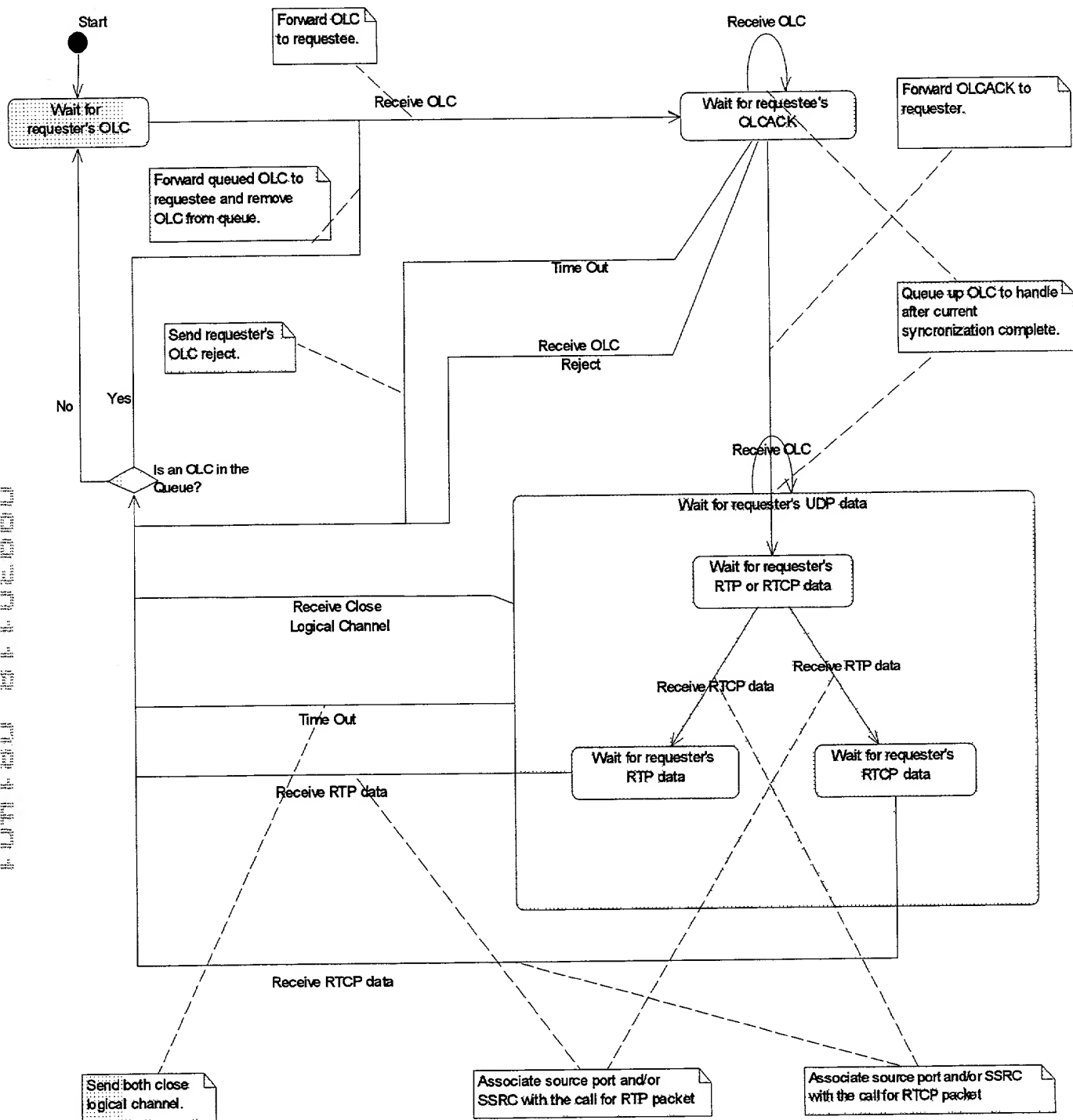
**FIG. 14**

# Setup Synchronization State Diagram



**FIG. 15**

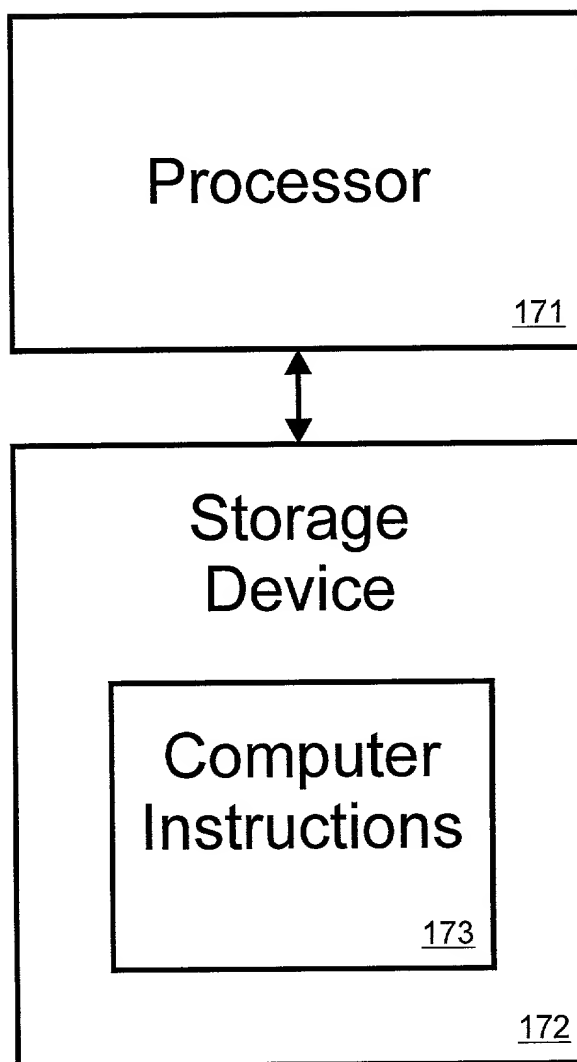
# OLCs Synchronization State Diagram



**FIG. 16**



170  
↘



**FIG. 17**